

REMARKS

Claims 1,4-7, 10 and 11 are pending in the present application. Claims 1 and 7 have been amended. Claims 1 and 7 are independent. The Examiner is respectfully requested to reconsider the outstanding claim rejections in view of the amendments and remarks as set forth herein below.

Drawings

In response to the Examiner's objection to the drawings in the Office Action dated June 19, 2003, Applicant filed a drawing correction including a new sheet of drawings with Figures 8 and 9 in the Amendment of September 17, 2003. While the Examiner has apparently withdrawn the drawing objection in the present Office Action, the Examiner has not indicated that the new drawing sheet filed on September 17, 2003 has been accepted. In the next Office Action, the Applicant respectfully requests the Examiner to indicate whether the corrected drawing sheet including Figures 8 and 9 have been accepted.

Rejection Under 35 U.S.C. § 102

Claims 1, 4-7, 10 and 11 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,300,931 to Someya et al. (hereinafter Someya). This rejection, insofar as it pertains to the presently pending claims, is respectfully traversed.

In claim 1 of the present application, a first characteristic is initially set so that it makes an input signal to a conversion section virtually equal to a conversion signal output from the conversion section. In step (b), a second characteristic is found with respect to the conversion signal obtained by applying the conversion process using the initially set first characteristic. Thereafter, the first characteristic can be set in step (d).

Accordingly, claim 1 recites a method that at first sets a first characteristic in a conversion section to a characteristic which makes an input signal virtually equal to a conversion signal, and then sets the first characteristic using second and third characteristics, where the second characteristic is obtained by inputting a conversion signal which is virtually equal to an input signal to a display element. Thus, according to the novel method recited in claim 1, a separate second characteristic can be found for each display device, thereby facilitating the determination of the first characteristic.

On the other hand, Someya does not teach or suggest that a conversion signal, which is virtually equal to an input signal, is generated in the LUT (10-12) without converting the input signal. Nor does Someya teach or suggest that a display characteristic of the LCD (21) is determined by inputting the conversion signal output from the LUT (10-12) to a display device.

Therefore, Someya's system may use a conversion characteristic that does not convert an input signal to be virtually equal with a conversion signal, to determine the display characteristics of the LCD device. A second characteristic found in such a manner differs from a second characteristic, which is found by making an input signal virtually equal to a conversion signal.

Accordingly, Someya does not produce the same effects of claim 1 in the present invention. In the presently claimed invention, when the conversion characteristic is set as a first characteristic, which does not convert the input signal virtually equal to the conversion signal (according to step (d)), the method can display a gray level in accordance with a third characteristic by calculating a first characteristic, even though the second characteristic varies among different display devices. This effect is made possible in the present invention because of the novel step in claim 1 of finding a second characteristic by making an input signal virtually equal to a conversion signal.

However, it is respectfully submitted that Someya does not expressly disclose the relationship between an input signal and a conversion signal. Furthermore, Applicant submits that Someya does not teach or suggest a step for making an input signal virtually equal to a conversion signal. Accordingly, the system disclosed by

Someya cannot produce the same results as described above in connection with claim 1.

Accordingly, Applicant respectfully submits that independent claim 1 is allowable at least for the reasons set forth above. Furthermore, it is respectfully submitted that claims 4-6 are allowable at least by virtue of their dependency on claim 1.

Applicant further submits that independent claim 7 recites a display device including similar features as those discussed above with respect to claim 1. Accordingly, Applicant submits that claim 7 is allowable for reasons similar to those of claim 1. It is also submitted that claims 10 and 11 are allowable at least by virtue of their dependency on claim 7.

**Information Disclosure Statement of December 5, 2003**

Applicant filed an Information Disclosure Statement (IDS) on December 5, 2003. The Examiner is respectfully requested to consider the reference contained therein, and send an initialed copy of the PTO-1449 to the undersigned along with the Examiner's response to this Amendment.

Applicant respectfully submits that the abovementioned IDS includes Korean Patent Laid-Open Patent Application No. 2001-002261 (hereafter '261), which was cited in a foreign Office Action received in a corresponding patent application filed by Applicant in Korea. Applicant respectfully submits that the '261 reference

discloses a method similar to that in Someya. Accordingly, Applicant respectfully submits that the presently pending claims are allowable over '261 at least for reasons similar to those set forth above.

**Conclusion**

Entry of this Amendment After Final is respectfully requested. In view of the above amendments and remarks, the Examiner is respectfully requested to reconsider the claim rejections and issue a Notice of Allowance with respect to the pending claims.

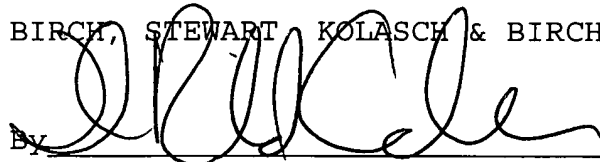
Should the Examiner believe that any outstanding matters remain in the present application, the Examiner is respectfully requested to contact Jason W. Rhodes (Reg. No. 47,305) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

Appl. No. 09/882,029

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART KOLASCH & BIRCH, LLP

By 

D. Richard Anderson, #40,439

DRA/JWR:kss

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000